

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Attorney Docket Q64094

Frederic DESHAYES, et al.

Appln. No.: Not Assigned

Group Art Unit: Not Assigned

Confirmation No.: Not Assigned

Examiner: Not Assigned

Filed: May 14, 2001

For: INTERFACING MODULE AND TELECOMMUNICATION DEVICE WITH A LONG LINE CONNECTION POSSIBILITY TO A LAN, INCLUDING SUCH A MODULE

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination, please amend the above-identified application as follows:

IN THE SPECIFICATION:

Page 1, before the first paragraph, delete the heading "SPECIFICATION" and insert the title:

INTERFACE MODULE AND TELECOMMUNICATION DEVICE WITH A LONG LINE CONNECTION POSSIBILITY TO A LAN, INCLUDING SUCH A MODULE

after the title, insert the heading:

Background of the Invention

Page 2, before the second paragraph beginning with "The problem to be solved" insert the heading:

Summary of the Invention

before the last paragraph beginning with "This invention" insert the heading:

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Brief Description of the Drawings

Page 3, before the first full paragraph beginning with "The interfacing module" insert the heading:

Detailed Description of the Invention

IN THE CLAIMS:

Please enter the following amended claims:

3. (Amended) Interfacing module according to claim 1, characterized in that said dedicated protocol is suitable for transmission over a distance of several hundred meters, preferably over 800 to 1200 m, depending on the type of the line.

4. (Amended) Interfacing module according to claim 1, characterized in that it comprises an internet protocol transceiver having approximately a plate or board like outside shape.

5. (Amended) Interfacing module according to claim 1, characterized in that it is connected to several telecommunication devices (1).

6. (Amended) Telecommunication device, in particular an internet protocol based telecommunication device, connected to a local area network via an adapted link, characterized in that it is composed of a telephone set (3) and an interfacing module (2) according to claim 1, said device (1) being able to work in two different physical configurations, i.e. a compact

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configuration wherein the interfacing module (2) is included or integrated into the telephone set (3) and an extended configuration wherein the interfacing module (2) is installed remotely from said telephone set (3) and linked to the latter by an adapted transmission line (4)

IN THE ABSTRACT:

Please delete the present Abstract of the Disclosure and replace it with the following new Abstract of the Disclosure.

ABSTRACT

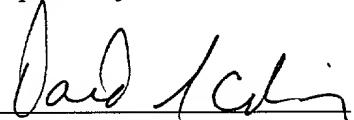
An interfacing module for coupling at least one telecommunication device to a local area network LAN including such a module, wherein the module (2) contains a converter for reciprocally converting data from a LAN compatible protocol into a dedicated protocol adapted for long distance line transmission and identical to, or at least compatible with, the protocol used by the concerned telecommunication device(s) (1).

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REMARKS

Entry and consideration of this Amendment is respectfully requested.

Respectfully submitted,



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Date: May 14, 2001

APPENDIX

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE SPECIFICATION:

The specification is changed as follows:

Page 1, before the first paragraph, delete the heading "SPECIFICATION" and insert the title:

INTERFACE MODULE AND TELECOMMUNICATION DEVICE WITH A LONG LINE CONNECTION POSSIBILITY TOA LAN, INCLUDING SUCH A MODULE

after the title, insert the heading:

Background of the Invention

Page 2, before the second paragraph beginning with "The problem to be solved" insert the heading:

Summary of the Invention

before the last paragraph beginning with "This invention" insert the heading:

Brief Description of the Drawings

Page 3, before the first full paragraph beginning with "The interfacing module" insert the heading:

Detailed Description of the Invention

IN THE CLAIMS:

The claims are amended as follows:

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IN THE ABSTRACT

The Abstract was changed as follows:

ABSTRACT

~~Interfacing module and telecommunication device
with a long line connection possibility to a LAN,
including such a module~~

~~The present invention concerns an interfacing module and a telecommunication device
with a long line connection possibility to a LAN including such a module.~~

An~~Interfacing~~ interfacing module for coupling at least one telecommunication device to a local area network LAN including such a module, wherein said the module (2) contains means for converting reciprocally~~a converter for reciprocally converting~~ data from a LAN compatible protocol into a dedicated protocol adapted for long distance line transmission and identical to, or at least compatible with, the protocol used by the concerned telecommunication device(s) (1)-~~or~~ at least compatible with it.